

139A  
27.080 GMC Electro-Motive Division  
Building #2

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
Director



Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks, Recreation,  
and Historic Preservation

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office  
8460 Watson Road, Suite 217  
St. Louis, MO 63119  
314-849-1313

McDonnell Douglas  
April 23, 1987

RECEIVED  
APR 27 1987

Mr. Jack Kaps  
Manufacturing Engineer  
General Motors Corporation  
Electro-Motive Division  
La Grange, Illinois 60525

WASTE MANAGEMENT  
PROGRAM

Dear Mr. Kaps:

Enclosed please find a report of an inspection conducted by Mr. Joe Haake of my staff. No violations are noted in the report, and no response is required of you at this time.

If you have any questions concerning this report or other Waste Management issues, please contact me.

Sincerely,

DEPARTMENT OF NATURAL RESOURCES

*Walt Puryear*  
Walt Puryear  
Chief, Waste Management Unit

WP:mc  
Encl.

CC: Central Office - WMP



R00144314  
RCRA RECORDS CENTER

27.080 GMC Electro-Motive Division  
Building #2

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
Director



STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office  
8460 Watson Road, Suite 217  
St. Louis, MO 63119  
314-849-1313

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks, Recreation,  
and Historic Preservation

HAZARDOUS WASTE COMPLIANCE INSPECTION REPORT

FACILITY

General Motors Corporation  
Electro-Motive Division  
Building #2  
163 McDonnell Boulevard  
Hazelwood, Missouri 63042

MDNR GENERATOR ID#: 03674  
U. S. EPA ID#: MOD045729159

INTRODUCTION

An inspection of the General Motors Corporation - Electro-Motive Division, Building #2 (GMC Electro-Motive) was conducted on April 8, 1987, to assess compliance with applicable requirements pursuant to the Resource Conservation and Recovery Act and the Missouri Hazardous Waste Management Law. Mr. Joe Haake, Environmental Specialist, represented the Missouri Department of Natural Resources - St. Louis Regional Office. Mr. Jack Kaps, Manufacturing Engineer, with GMC Electro-Motive in La Grange, Illinois, represented the facility.

GMC Electro-Motive ceased operations at building #2 in July 1984, when the facility was sold to the McDonnell Douglas Corporation. GMC Electro-Motive was engaged in rebuilding small component diesel locomotive parts and warehousing. Waste methylene chloride and mineral spirits from parts cleaning operations were generated at the site.

McDonnell Douglas Corporation currently uses the building for office space, and no hazardous waste is generated.

UNSATISFACTORY FEATURES

None

DISCUSSION

No evidence of hazardous waste activity was noted during the inspection. All equipment that was used by GMC Electro-Motive had been removed, and no hazardous waste was observed at the site. Completed hazardous waste manifests indicate that the last shipments occurred in August 1984. According to Mr. Kaps, these shipments represented complete removal of hazardous waste from the site.

RECOMMENDATIONS

None

Should you have any questions concerning this inspection report, please contact the St. Louis Regional Office.

APPROVED:



for: F. Donald Maddox  
Regional Administrator  
St. Louis Regional Office

PREPARED BY:



Joe Haake  
Environmental Specialist II  
St. Louis Regional Office

FDM/JH/mc

## HAZARDOUS WASTE GENERATOR CHECKLIST

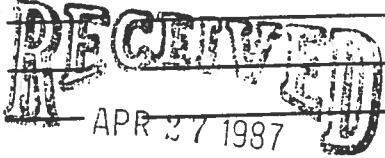
Name of Facility: G.M.C. - ELECTROMOTIVE DIVISION, BLDG 2Date: 4-8-87Address: 163 McDONNELL BLVD.HAZELWOOD, MISSOURI 63012Missouri I.D. # 03674Facility Representative: MR. JACK KAPSEPA I.D. # MO0045739159Title: MANUFACTURING ENGINEERPhone Number 312-387-5404Is this facility a TSD? NOTransporter? NO

Provide a brief description of the manufacturing process.

REBUILDING OF SMALL COMPONENT DIESEL LOCOMOTIVE PARTS.

List the hazardous wastes generated:

Waste	Amount/month	Kilogram/month	I.D. #	Disposition
1. <u>WASTE METHYLENE CHLORIDE</u>			<u>FOU1</u>	<u>RESOURCE RECOVERY</u>
2. <u>WASTE MINERAL SPIRITS</u>			<u>DOU1</u>	<u>RESOURCE RECOVERY</u>
3. _____				
4. _____				
5. _____				
6. _____				
Total				



Annual generation rate for time period of July 1 through June 30:

Total amount of waste generated on an annual basis. \_\_\_\_\_ kkg.

Amount of waste land disposed on annual basis. \_\_\_\_\_ kkg.

Amount of waste stored under permit conditions on annual basis. \_\_\_\_\_ kkg.

Amount of waste managed by all other methods on annual basis. \_\_\_\_\_ kkg.

Is the category tax (Section 260.478 RSMo.) applicable? \_\_\_\_\_ yes \_\_\_\_\_ no

Is the tax being paid? \_\_\_\_\_ yes \_\_\_\_\_ no

Is the \$25 land disposal tax (Section 260.475 RSMo.) applicable? \_\_\_\_\_ yes \_\_\_\_\_ no

Is it being paid? \_\_\_\_\_ yes \_\_\_\_\_ no

Is the \$1.00 generator fee applicable? \_\_\_\_\_ yes \_\_\_\_\_ no

Is it being paid? \_\_\_\_\_ yes \_\_\_\_\_ no

If the total amount of hazardous waste generated is less than 100 kg/month, is over 100 kg ever accumulated? Yes \_\_\_\_\_ No \_\_\_\_\_

If the total amount of hazardous waste generated is less than 1000 kg/month, is over 1000 kg ever accumulated? Yes \_\_\_\_\_ No \_\_\_\_\_

If 1000 kg is never accumulated, is hazardous waste disposed of within 1 year?

Yes \_\_\_\_\_ No \_\_\_\_\_

Has the generator determined if waste is hazardous? Yes ☒ No ☐

## A. Manifests and Recordkeeping 10 CSR 25-5.262(1) and 5.262(2)(a) and (D)

1. Generator's MO and EPA I.D. Numbers .....(✓)
2. Serially Increasing shipment number .....(✓)
3. MO waste I.D. # correct.....(✓)
4. Generator's name, address, phone #.....(✓)
5. All transporters' names, phone #'s, MO and EPA I.D. #'s.....(✓)
6. Designated facility name, address, phone # and EPA I.D. #.....(✓)
7. Proper DOT Shipping Name, Hazard Class and I.D. #.....(✓)
8. Containers, Quantity and Unit Wt/Vol being shipped properly designated.....(✓)
9. Proper certification.....(✓)
10. Manifest properly signed and dated.....(✓)
11. No more than 10 days time between generator and facility signatures.....(✓)
12. Manifests returned within 35 days.....(✓)
13. If not, exception generator report submitted within 45 days.....(N/A)
14. Completed manifests submitted to DNR quarterly.....(✓)
15. Summary Manifests Report submitted to DNR quarterly.....(✓)
16. Biennial Report.....(✓)

## B. PRETRANSPORT, CONTAINERIZATION AND LABELING 10 CSR 25-5.262(1) and 5.262(2)(C)1 N/A

17. Waste stored in proper DOT containers.....( )
18. Containers/Tanks labeled "Hazardous Waste" and labeled per proper DOT requirements during storage.....( )
19. Placards available for use by transporters.....( )

## C. STORAGE STANDARDS 10 CSR 25-5.262(1) and 5.262(2)(C)2 N/A

20. Facility inspected and maintained.....( )
21. Ignitable and reactive wastes properly handled.....( )
22. Date of accumulation marked.....( )
23. Storage less than 90 days (if applicable).....( )
24. Satellite Accumulation requirements met (if applicable).....( )
  - a. Stored in satellite areas less than 1 year.....( )
  - b. Container marked identifying contents and beginning date.....( )
  - c. Containers kept closed / compatible / good condition.....( )
  - d. Quantities accumulated not exceeding 55 gal. (1 quart acutely hz waste).....( )

## D. CONTAINER STORAGE 10 CSR 25-5.262(1) and 5.262(2)(C)2 N/A

25. Containers in good condition.....( )
26. Containers kept closed in storage.....( )
27. Containers storing incompatible waste separated or protected from each other.....( )
28. Containers of ignitable or reactive waste stored > 50 feet from property line.....( )
29. Containers stored within a containment system (if applicable) meeting criteria of 10 CSR 25-5.262(2)(C)2.E.....( )

## E. STORAGE TANKS 10 CSR 25-5.262(1) and 5.262(2)(C)2.F. N/A

30. Tanks in good condition.....( )
31. Procedure for assessing condition of tanks.....( )
32. Above ground tanks - adequate spill confinement systems / inspected weekly.....( )
33. Underground tanks that cannot be entered have adequate leak detection systems.....( )
34. Leak detection procedure and schedule developed and used.....( )
35. Open tanks have \_\_\_\_\_ ft. freeboard.....( )
36. Incompatible wastes stored safely and properly.....( )
37. Volatiles are not placed in open tanks.....( )
38. Ignitable or reactive wastes stored safely and properly.....( )

39. Ignitable or reactive wastes in covered tanks stored in accordance with NFPA's buffer zone requirements.....( )
40. Controls to prevent overfilling.....( )
41. Daily inspection of overfilling control equipment.....( )
42. Daily inspection of freeboard in uncovered tanks.....( )
43. Covered in contingency plan.....( )

## HAZARDOUS WASTE STORAGE TANKS

## WASTE CONTAINED

## VOLUME OF TANK

For storage or generation in any month of over 1000 kg, complete the following additional three sections:

## F. PERSONNEL TRAINING 10 CSR 25-5.262(1) N/A

44. Completed classroom or on-the-job training.....( )
45. Job title, description, and name of person filling position.....( )
46. Written record of the type and amount of training given.....( )
47. Documentation confirming that training has been given.....( )

## G. PREPAREDNESS AND PREVENTION 10 CSR 25-5.262(1) and 5.262(2)(C)2.H. N/A

48. Internal communication or alarm system.....( )
49. Device in the hazardous waste operation area capable of summoning emergency assistance.....( )
50. Fire control, spill control, and decontamination equipment available.....( )
51. Adequate water supply for fire control equipment.....( )
52. Adequate and proper safety equipment available.....( )
53. Adequate aisle space.....( )
54. Arrangements with local emergency agencies.....( )

## H. CONTINGENCY PLAN AND EMERGENCY PROCEDURES 10 CSR 25-5.262(1) N/A

54. Contingency Plan.....( )
55. Detailed description of procedures that personnel must implement in response to fires, explosions, or release of hazardous waste.....( )
56. Describe formal arrangements with emergency agencies.....( )
57. Names, addresses, and phone numbers (home & office) of emergency coordinators.....( )
58. Emergency equipment including its description and location.....( )
59. Evacuation plan if applicable.....( )

## I. WASTE OIL 10 CSR 25-11.010

60. Waste oil properly handled.....( )

COMMENTS: FACILITY CEASED OPERATION IN 1984. NO HAZARDOUS WASTE ON SITE.

Please mark boxes as shown (✓) In compliance

Inspector's Signature Je. Hoake In violation

Title ES II

Office SLRO